

JUN 15 2000

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JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled ENHANCERS OF CFTR CHLORIDE CHANNEL FUNCTION, the specification of which

- is attached hereto.
- was filed on February 24, 2000 as Application Serial Number 09/512,260 and was amended on (if applicable).
- was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No. _____, filed _____, and amended on _____ (if any).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed: Under 35 U.S.C. §119

Prior United States Provisional Application(s)

We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below:

U.S. Provisional Application No.	Date of Filing (day month year)	Priority Claimed Under 35 U.S.C. §119(e)(1)
60/121,495	24 February 1999	Yes

Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing (Day, Month, Year)	Status — Patented, Pending, Abandoned

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	51,810	HILLMAN, Lisa	43,673	NIEGOWSKI, James A.	28,331
BANNER, Donald W.	17,037	HONG, Patricia E.	34,373	PATEL, Binal J.	42,065
BANNER, Mark T.	29,888	HOSCHETT, Dale H.	19,090	PATHAK, Ajay S.	38,266
BANNER, Pamela L.	33,844	HYMEL, Lin J.	45,414	PAYNE, Stephen S.	35,316
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BURGHAMMER, Joseph J.	46,057	KAGAN, Sarah A.	32,141	PRATT, Thomas K.	37,210
BODNER, Jordan	42,338	KATZ, Robert S.	36,402	RENN, Christopher J.	33,761
BUROW, Scott A.	42,373	KLEIN, William J.	43,719	REGIS, Robert H.	32,168
CALLAHAN, James V.	20,095	KRAUSE, Joseph P.	32,578	RIVARD, Paul M.	43,446
CHANG, Steve S.	42,402	LJNEK, Ernest V.	29,822	ROBINSON, Douglas W.	32,751
COHAN, Gregory J.	40,959	MAGOON, Sumee	41,769	SCHAD, Steven F.	32,550
COOPERMAN, Marc S.	34,143	MALONE, Dale A.	32,155	SHIPLEY, Charles W.	28,042
CURTIN, Joseph P.	34,571	MANNAVA, Ashok K.	45,301	SKERPON, Joseph M.	29,864
DAWSON, John R.	39,504	MAPLE, Marc-Claire D.	37,918	SPAR, Elizabeth N.	45,123
DeMOOR, Laura J.	39,654	MAY, Steven A.	44,912	STOCKLEY, D. I.	34,257
EVANS, Thomas L.	35,805	MCEDERMOTT, Peter D.	29,411	VAN ES, J. Peter	37,746
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FISHER, William J.	32,133	MEDLOCK, Nina L.	29,673	WOLFF, Kevin A.	42,233
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GLEMBOKI, Christopher R.	38,800	MEUKER, Frederic M.	35,282	WOLFFE, Susan A.	33,568
HANLON, Brian E.	40,449	MILLER, Charles L.	45,805	WRIGHT, Bradley C.	38,061
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		MORENO, Christopher P.	38,566		
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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature 
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 First Given Name L
 Second Given Name V

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Signature 
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 First Given Name E
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■ Additional Inventor(s) named on next page.

Signature _____ Date _____
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Family Name First Given Name Second Given Name
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Applicant or Patentee: Lynn Adams, Pamela S. Davis, and Jian Jie Ma
 Serial or Patent No.: 09/512,260
 For: BIFUNCTIONAL MOLECULES



Attorney's #: 03037.86702
 Filed or Issued: 02/24/2000

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 C.F.R. §§1.9(f) AND 1.27(d)) — NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: Case Western Reserve University

ADDRESS OF ORGANIZATION: 10900 Euclid Avenue, Cleveland, Ohio 44106-4915

TYPE OF ORGANIZATION

- UNIVERSITY OF OTHER INSTITUTION OF HIGHER EDUCATION
- TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. §§501(a) and 501(c)(3))
- NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA (NAME OF STATE) _____
(CITATION OF STATUTE) _____
- WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. §§501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA
- WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
(NAME OF STATE) _____
(CITATION OF STATUTE) _____

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 C.F.R. §1.9(e) for purposes of paying reduced fees under §§41(a) and (b) of Title 35, United States Code, with regard to the invention entitled ENHANCERS OF CFTR CHLORIDE CHANNEL FUNCTION by inventor(s) Lynn Adams, Pamela

B. Davis, and Jian Jie Ma

described in the specification filed herewith.

application serial no. 09/512,260 filed 02/24/2000

patent no. _____ issued _____

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 C.F.R. §1.9(d) or by any concern which would not qualify as a small business concern under 37 C.F.R. §1.9(d) or a nonprofit organization under 37 C.F.R. §1.9(c). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention attesting to their status as small entities. (37 C.F.R. §1.27)

FULL NAME _____

Individual

ADDRESS _____

Small Business Concern

FULL NAME _____

Nonprofit Organization

ADDRESS _____

Individual

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR §1.28(b))

Small Business Concern

Nonprofit Organization

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these were made with the knowledge that false statements made willfully are punishable by fine, imprisonment, or both a fine and imprisonment under Section 1001 of Title 18 of the United States Code; and further that false statements made willfully may jeopardize the validity of the application, of any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Linton G. Salmon

DATE 06/09/00

TITLE IN ORGANIZATION _____

ADDRESS OF PERSON SIGNING _____

SIGNATURE Linton G. Salmon

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